

WHAT IS CLAIMED IS:

1. An apparatus for treating diseased skin with ultraviolet (UV) light, the apparatus comprising:

5 a source of UV light within the range of 300 and 315 nanometers; and
a cooler for cooling the diseased skin.

10 2. An apparatus for treating an area of diseased epidermal tissue with ultraviolet UV light, the apparatus comprising:

a source of high intensity ultraviolet light equal to or greater than about 1 minimum erythema dose (MED) in the wavelength range of between about 300 and 315 nanometers having an output for emitting the UV light;

15 a conduit positioned to receive said ultraviolet light, said conduit having an output end that emits said UV light;

15 a delivery device that includes said output end of said conduit; and
a cooler included in said delivery device.

20 3. The apparatus of Claim 2, wherein said delivery device has a localized UV output sufficiently small to illuminate a portion of skin no larger than said area of diseased epidermal tissue.

4. A method for treating an epidermal region comprising diseased tissue, the method comprising:

25 cooling the diseased tissue and exposing the diseased tissue in said epidermal region to a dosage of ultraviolet light equal to or greater than about 1 minimum erythema dose (MED) in the wavelength range of between about 300 and 315 nanometers.